

1652/8
Attorney's Docket No.: 09010-004005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

Applicant : Murphy, et al.

Art Unit : 1652

Serial No. : 09/886,400

Examiner : D. Ramirez

Filed : June 20, 2001

Title : ENZYMES HAVING ALPHA-GALACTOSIDASE ACTIVITY AND METHODS OF USE THEREOF

Commissioner for Patents

P.O. Box 2327

Arlington, VA 22202

INFORMATION DISCLOSURE STATEMENT

UNDER 37 CFR §1.97 and §1.98

Sir:

Enclosed for filing in the above-referenced patent application is a Form PTO-1449, being submitted after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180, in payment of the late submission fee of \$1.17(p) is enclosed. Please apply any other necessary charges, and apply all credits, to Deposit Account No. 06-1050. The following documents related to this information disclosure statement are enclosed herewith:

- Form PTO-1449
- postcard

Applicants respectfully request consideration of the remarks and references set

forth herein.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202.

OCTOBER 14 2002
Date of Deposit

Signature

SUSAN SEZNOVICH

Typed or Printed Name of Person Signing Certificate

10/22/2002 HBERHE 00000038 09886400

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Applicant : Murphy, et al.
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 Filed : June 20, 2001
 Page : 2

REMARKS

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

References AA through AM were cited in prior application serial number 09/407,806 on October 10, 2002. In accordance with 37 CFR §1.98(d), copies of the references cited in the prior application are not included in this submission (MPEP §609A(2)); however, for the Examiner's convenience, if requested, Applicants will be pleased to provide a copy of any or all of the references cited therein.

A copy of this statement is being submitted because Applicants wish the information to appear among the "references cited" on any patent to issue therefrom (MPEP §609). In accordance with 37 CFR §1.98(d), copies of the references cited in the parent application are not included in this submission (MPEP §609A(2)); however, for the Examiner's convenience, if requested, Applicants will be pleased to provide a copy of any or all of the references cited therein.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

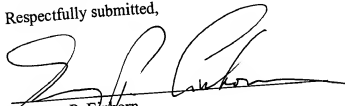
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Page : 3

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 5070.

Respectfully submitted,

Date:

Oct. 15, 2002


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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
09010-004005Application No.
09/886,400**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)Applicant
Murphy, et al.Filing Date
June 20, 2001Group Art Unit
1652

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,686,294	Nov 11, 1997	Sogabe et al.			
	AB						
	AC						
	AD						

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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	0 687 732A1	Dec 20, 1995	EP				
	AF	0 606 008A2	July 13, 1994	EP				
	AG							
	AH							
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AJ	O.N. Dakhova, et al., "Cloning and Expression in <i>Escherichia coli</i> of <i>Thermotoga neapolitana</i> Genes Coding For Enzymes of Carbohydrate Substrate Degradation", <i>Biochemical and Biophysical Research Communications</i> , Academic Press, Inc., Orlando, Florida, USA, vol. 194, No. 3, August 16, 1993, pages 1359-1364
	AK	F. Canganella et al., "Characterization of amylolytic and pullulytic enzymes from thermophilic archaea and from a new <i>Fervidobacterium</i> species", <i>Applied Microbiology and Biotechnology</i> , Springer-Verlag, Berlin, Germany, Vol. 42, No. 2/3, 1994, pages 239-245
	AL	GenBank Database Record NID g3236129 "Pyrococcus horikoshii OT3 genomic DNA, 287001-544000 nt. Position", Submitted by Tanaka et al, 7/25/98
	AM	

Examiner Signature

Date Considered

EXAMINER: Initially citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)